

## INTERNATIONAL SEARCH REPORT

International Application No

PCT 03/10937

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C10G27/12 C10G67/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C10G B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 053683 A (CARRIAT JEAN-YVES ;TOTAL RAFFINAGE DISTRIB S A (FR); BISSON MARC ( ) 11 July 2002 (2002-07-11)	1,3,5,6, 8,9,11, 12, 17-28, 32,33 29
Y	claims 1-12; examples 1,2	
Y	WO 01 48119 A (BERNARD JEAN RENE ;FAJULA FRANCOIS (FR); RABION ALAIN (FR); ELF AN) 5 July 2001 (2001-07-05) cited in the application page 5, line 23 - line 35	29
X	US 5 049 536 A (BELLUSSI GIUSEPPE ET AL) 17 September 1991 (1991-09-17) cited in the application column 3, line 20 - line 47	31
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

28 January 2004

Date of mailing of the international search report

04/02/2004

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	claims 1,14,17; examples 22-24,32,33,35	36
X	EP 0 492 697 A (SNAM PROGETTI ;ENIRICERCHE SPA (IT)) 1 July 1992 (1992-07-01) cited in the application claim 1	32,37
X	US 6 323 147 B1 (TSUJI JUNPEI ET AL) 27 November 2001 (2001-11-27) column 4, paragraph 9; claim 1; example 1 column 4, last paragraph -column 5, last paragraph	33-35, 38-48

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Information on patent family members

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